



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,378	07/11/2003	Chien Yee Chiang	BHT-3092-373	2239

7590 03/25/2005
BRUCE H. TROXELL
SUITE 1404
5205 LEESBURG PIKE
FALLS CHURCH, VA 22041

EXAMINER

NGUYEN, CHAU N

ART UNIT	PAPER NUMBER
----------	--------------

2831

DATE MAILED: 03/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/617,378	Applicant(s) CHIANG, CHIEN YEE	
	Examiner Chau N. Nguyen	Art Unit 2831	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-12 is/are rejected.
- 7) ☒ Claim(s) 13 and 14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 8-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Igarashi et al. (5,486,803).

Igarashi et al. discloses a filter (Figures 24-26) for a wire comprising:

a) a casing being an electrically insulative hollow cylindrical casing and

having:

i) two symmetric half shells movable between open and closed positions, each of the two symmetric half shells having at least one locating rib (10) located on an interior thereof and two end walls, each of the two end walls having an arched notch (8);

ii) at least one flexible hinge strip (6) connected to a first edge of each of the two symmetric half shells; and

iii) a fastening device (7) connected to a second edge of each of the two symmetric half shells and locking the symmetric half shells in the closed position, the at least one locating rib (10a) of each of two symmetric half shells being located along one of a center section and at least one of the two end walls, the center section being located an equal

Art Unit: 2831

distance between the first edge and the second edge each of the two symmetric half shells; and

b) two magnetic core members (4), each of the two magnetic core members being inserted into one of the two symmetric half shells of the casing and having:

- i) at least one locating groove (12) located on an exterior thereof, one of the at least one locating rib aligning with and inserted into each of the at least one locating groove; and
- ii) a recessed portion,

wherein, when the two symmetric half shells are in the closed position, the wire is located between the arched notch of each of the two symmetric half shells and the recessed portion of each of the two magnetic core members.

Igarashi et al. also discloses each of the two symmetric half shells and the two magnetic core members having a semicircular cross-section (re claim 9) and the at least one locating rib including two locating ribs, one of the two locating ribs being located on each of the two end walls of each of the two symmetric half shells, the at least one locating groove including two locating grooves located on opposing ends of each of the two magnetic core members, each of the two locating ribs being inserted into one of the two locating grooves (re claim 11).

Igarashi et al. also discloses a filter (Figure 27) for a wire comprising:

- a) a casing being an electrically insulative hollow cylindrical casing and having:

Art Unit: 2831

- i) two symmetric half shells movable between open and closed positions, each of the two symmetric half shells having at least one locating rib (10) located on an interior thereof and two end walls, each of the two end walls having an arched notch (8);
 - ii) at least one flexible hinge strip (6) connected to a first edge of each of the two symmetric half shells; and
 - iii) a fastening device (7) connected to a second edge of each of the two symmetric half shells and locking the symmetric half shells in the closed position, the at least one locating rib (10a) of each of two symmetric half shells being located along one of a center section and at least one of the two end walls, the center section being located an equal distance between the first edge and the second edge each of the two symmetric half shells; and
- b) two magnetic core members (4), each of the two magnetic core members being inserted into one of the two symmetric half shells of the casing and having:
- i) at least one locating groove (12) located on an exterior thereof, one of the at least one locating rib aligning with and inserted into each of the at least one locating groove; and
 - ii) a recessed portion,

wherein, when the two symmetric half shells are in the closed position, the wire is located between the arched notch of each of the two symmetric half shells and the recessed portion of each of the two magnetic core members.

Igarashi et al. also discloses the fastening device including a plurality of female fastening elements (7b) located on a first of the two symmetric half shells and a plurality of male fastening

Art Unit: 2831

elements (7a) located on a second of the two symmetric half shells, each of the plurality of male fastening elements engaging one of the plurality of female fastening elements (re claim 10) and the at least one locating rib of each of two symmetric half shells is located along the center section and having each of two ends engaging one of the two end walls (re claim 12).

Allowable Subject Matter

3. Claims 13 and 14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

4. Applicant's arguments with respect to claim 8 have been considered but are moot in view of the new ground(s) of rejection.

Summary

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period

Art Unit: 2831

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Communication

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chau N. Nguyen whose telephone number is 571-272-1980. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Chau N Nguyen
Primary Examiner
Art Unit 2831